UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

# NOTICE OF ALLOWANCE AND FEE(S) DUE

020457

7590

11/15/2006

ANTONELLI, TERRY, STOUT & KRAUS, LLP 1300 NORTH SEVENTEENTH STREET SUITE 1800 ARLINGTON, VA 22209-3873

EXA	MINER
JOYCE, 1	WILLIAM C
ART UNIT	PAPER NUMBER
3693	

DATE MAILED: 11/15/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/687 669	10/20/2003	Mitsuo Takeuchi	520.43220X00	9344	

TITLE OF INVENTION: BALL LINEAR GUIDE AND MANUFACTURING METHOD THEREOF

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	02/15/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

**Commissioner for Patents** P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notifica	ed below or directed oth	ng the Patent, advance on nerwise in Block 1, by (a	rders and notification of specifying a new con	f mainter responde	nance fees wi ence address;	ll be m and/or	nailed to the current (b) indicating a separ	correspondence addre rate "FEE ADDRESS	ss as or
CURRENT CORRESPOND	ENCE ADDRESS (Note: Use Bl	ock 1 for any change of address)	F	ee(c) Tra	nemittal This	certific	can only be used for cate cannot be used for such as an assignmenting or transmission.	r any other accomna	nvina
020457		/2006 & KRAUS, LLP			Certi	ficate (	of Mailing or Transc	nission	
	EVENTEENTH ST		S a tr	tates Posi ddressed ansmitted	stal Service wi to the Mail d to the USPT	ree(s) th suffi Stop IS O (571)	Transmittal is being cient postage for first SSUE FEE address (273-2885, on the date of th	class mail in an envalue, or being facs te indicated below.	elope imile
ARLINGTON, V	VA 22209-3873							(Depositor's	name)
						,		<del>_</del>	ature)
									(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENT	OR		ATTOR	NEY DOCKET NO.	CONFIRMATION NO	).
10/687,669	10/20/2003		Mitsuo Takeuchi			52	20.43220X00	9344	
FITLE OF INVENTION	: BALL LINEAR GUID	E AND MANUFACTUR	ING METHOD THERI	EOF					
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DU	E PREV	V. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	МО	\$1400	\$300	•	\$0		\$1700	02/15/2007	<del>.                                    </del>
EXAM	INER	ART UNIT	CLASS-SUBCLASS						
JOYCE, W	ILLIAM C	3682	384-045000						
. Change of corresponde CFR 1.363).	ence address or indicatio	n of "Fee Address" (37	2. For printing on the	•		atta	1	•	
Change of corresponded	ondence address (or Cha 3/122) attached.	nge of Correspondence	(1) the names of up or agents OR, alterna	atively,	•		_		
	ication (or "Fee Address" 2 or more recent) attach		(2) the name of a sir registered attorney of 2 registered patent a listed, no name will	or agent) a ttorneys o	and the names or agents. If no	of up	to		
B. ASSIGNEE NAME A	ND RESIDENCE DATA	A TO BE PRINTED ON T	THE PATENT (print or	type)				•	
PLEASE NOTE: Unl recordation as set fort	ess an assignee is ident h in 37 CFR 3.11. Comp	ified below, no assignee pletion of this form is NO	data will appear on the T a substitute for filing a	patent. an assigni	If an assigned ment.	is ide	ntified below, the do	cument has been file	d for
(A) NAME OF ASSIG	GNEE		(B) RESIDENCE: (CI	TY and S	STATE OR CO	UNTR	XY)		
Please check the appropri	iate assignee category or	categories (will not be pr	inted on the patent):	☐ Indivi	idual 🗆 Con	poratio	n or other private grou	ip entity Govern	ment
a. The following fee(s) a	are submitted:	46	o. Payment of Fee(s): (P		st reapply any	previo	ously paid issue fee s	hown above)	
Publication Fee (N	o small entity discount p		Payment by credit		m PTO-2038	is attacl	hed.		
Advance Order - #	f of Copies		The Director is here overpayment, to De	by authorposit Acc	orized to charge count Number	the re	quired fee(s), any def (enclose an	iciency, or credit any extra copy of this for	
Change in Entity Stat	tus (from status indicated s SMALL ENTITY statu	•	☐ b. Applicant is no l	onger cla	niming SMALI	. ENTI	TY status. See 37 CF	R 1.27(g)(2).	
NOTE: The Issue Fee and naterest as shown by the r	d Publication Fee (if requeecords of the United Sta	uired) will not be accepted tes Patent and Trademark	from anyone other that Office.	n the app	olicant; a regist	ered at	torney or agent; or the	assignee or other pa	rty in
A-d :- 10:									
Typed or printed name	·		<del></del>	Re	egistration No	·		l d Horma	
nis collection of informan application. Confident ubmitting the completed form and/or suggestions 1450, Alexandria, Viccinia 223	ation is required by 37 Ciality is governed by 35 I application form to the ons for reducing this builtinginia 22313-1450. DC 13-1450.	FR 1.311. The information U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to the NOT SEND FEES OR C	on is required to obtain of 1.14. This collection is depending upon the interpretation Off COMPLETED FORMS	or retain a estimated dividual c icer, U.S. TO THIS	a benefit by the d to take 12 mi case. Any com d. Patent and To S ADDRESS.	public nutes t ments radema SEND	which is to file (and o complete, including on the amount of tim rk Office, U.S. Departo: Commissioner for the com	by the USPTO to programming gathering, preparing e you require to comment of Commerce, or Patents, P.O. Box	cess) , and plete P.O. 1450,

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/687,669	10/20/2003	Mitsuo Takeuchi	520.43220X00	9344		
020457 75	590 11/15/2006		EXAM	NER		
ANTONELLI, T	ERRY, STOUT & KRAU	JOYCE, WI	JOYCE, WILLIAM C			
	VENTEENTH STREET	-,	ART UNIT	PAPER NUMBER		
SUITE 1800 ARLINGTON, VA	A 22209-3873		3682 DATE MAILED: 11/15/2006	5		

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 632 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 632 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.